

United States Government

Department of Energy

memorandum

DATE: 1-20-87

REPLY TO
ATTN OF: EH-331.2

SUBJECT: Funding for Project Indalo

TO: Geoffrey Judge, EH-10

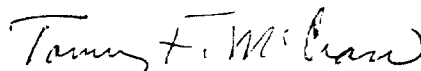
Since the briefing for Mary Walker and our discussions of funding for Spain in September 1986, there have been two additional communications. First, I received a letter dated October 1, 1986, from Dr. Ido F. Mingot, Director of the Department of Radiological Protection of the Nuclear Energy Agency in Spain, indicating that funding for the period February 1, 1986, to January 31, 1987, has not been received (see Attachment 1). As you may recall, the funding level for this period was to be \$240K but there was only \$140K in the FY 1986 budget.

Second, a message was received from Dr. Chester Richmond, Oak Ridge National Laboratory (ORNL), that reports the results of a telephone conversation where this funding issue was discussed with Dr. Emilio Iranzo, the scientist responsible for Project Indalo. (see Attachment 2). Dr. Iranzo was concerned that the funding was less than agreed to earlier, and covered only a 6 month period.

Ms. Annabelle Martin informed me on December 8, 1986, that the Treasury Department should issue a check for \$140K to the Spanish Government later that week. It was agreed at that time that I would submit a procurement request for the remaining \$100K (see Attachment 3).

To keep Project Indalo in the budget, the Office of Nuclear Safety identified \$20K for Spain and \$20K for ORNL as interim funding for FY 1987. You will note that in Attachment 1, Dr. Mingot estimates that \$500K will be needed from the United States for Indalo for the period February 1987 to January 1988. The funding required for ORNL is \$130K for FY 1987. The estimate for Spain reflects an adjustment for the relative value of the dollar compared to the peseta where such correction has not been made in some time. For the past several years, the U.S. annual contribution has been about 20 to 30 percent of the total cost of the project in Spain.

If additional information is needed, please let me know.



Tommy F. McCraw
Radiological Controls Division
Office of Nuclear Safety

3 Attachments



MINISTERIO DE INDUSTRIA Y ENERGIA

JUNTA DE ENERGIA NUCLEAR

CENTRO DE INVESTIGACION ENERGETICA
MEDIOAMBIENTAL Y TECNOLOGICA

Avda. Complutense 22. 28040-Madrid

Madrid, October 1, 1986

Mr. TOM McCRAW
Radiological Control Division
Office of Nuclear Safety
U.S. Department of Energy
WASHINGTON D.C.

Dear Mr. Mc Craw:

Dr. Richmond visited the CIEMAT-JEN last week to discuss our research and measurement program related to the Palomares accident. I believe he can now discuss with you the current situation relative to activities in Area 2. We also discussed our latest findings concerning soil particle size analysis and the distribution of radioactivity among the various size fractions and their mineral composition. This data, when confirmed, will allow us to estimate the fraction of activity inhaled and thus increase the accuracy of our dose calculations.

During his visit, Dr. Richmond suggested that we begin to better integrate our funding requirements with your budget cycles. Some time ago Dr Whachholz recommended the current schedule.

Our current estimates for the periods February 1987-January 1988, February 1988-January 1989 and February 1989-January 1990 are (500,000, 550,000 and 605,000) dollars respectively.

We have not as yet received funding for the period February 1986-January 1987 and the year is rapidly disappearing. Can you please check into the problem for us. Dr. Richmond thinks the delay is related to problems associated with changes in program responsibility within DOE. Unfortunately this has caused us some difficulties.

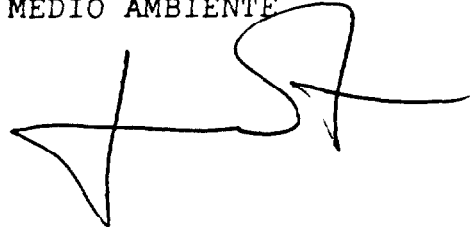
As you know the value of the exchange rate dollar/peseta continues to drop rapidly. During the past year it dropped from about 180 per dollar to about 135 per dollar, that is by approximately 25%. We have not made adjustments for the relative value of the dollar or inflation in our funding request for some time.

The funding estimates given above can be elaborated upon in a letter that we will prepare before the end of this year. But for now you have the estimates for our needs corresponding to your fiscal years 1987, 1988 and 1989. Please let us know if this schedule is acceptable to you.

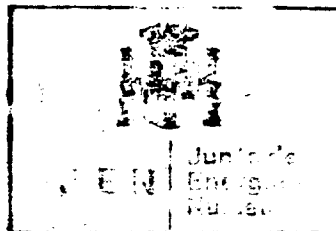
We appreciate your assistance in these matters. We continue to believe that the information obtained from the Palomares accident will provide information for evaluating the original remedial action. It will also allow us to better understand how transuranium elements behave in the environment. Of course we must continue to monitor and study the people involved so we can better estimate exposure and dose resulting from the accident.

Sincerely yours,

EL DIRECTOR DEL DEPARTAMENTO
DE PROTECCION RADIOLOGICA Y
MEDIO AMBIENTE

A handwritten signature in dark ink, consisting of a stylized 'F' followed by a large, sweeping 'M' and a horizontal line extending to the right.

Fdo. F. Mingot



ESPAÑA
1983

Mr. Tom McCraw
Radiological Control Division
Office of Nuclear Safety
US Department of Energy
WASHINGTON DC

ESTADOS UNIDOS

F. Mingot
JUNTA DE ENERGIAS NUCLEARES

Ciudad Universitaria

MADRID-3

ES
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DEC 04 '86 08:59 MARTIN MARIETTA-ORNL 615-6262912

P.2

MEMORANDUM OF CONFERENCE OR CONVERSATION

TE December 3, 1986	TIME 10:30 am	<input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> PERSONAL
ORIGINATING PARTY		OTHER PARTIES
Dr. Emilio Iranzo		C. R. Richmond
Junta Energia Nuclear		ORNL
Madrid, Spain		
SUBJECT: Funding for this calendar year		

DISCUSSION:

Iranzo mentioned that he has still not gotten funding for this calendar year. He did receive correspondence from DOE in September (dated July 31) mentioning that \$140,000 had been obligated and would be made available for the period July 30, 1986 to January 31, 1987. The correspondence was signed by someone named Ashline, Contracting Officer, Office of Procurement Operations in DOE. The correspondence asked him to sign and return the material so that payment could be made. Iranzo has decided not to sign the material and return it because it did not cover the period of February 1 to July 30, 1986. I have told Iranzo I would pass this on to Tom McCraw in DOE but that I was concerned that he might lose the money if the JEN does nothing before the end of January 1987 in response to the letter. I told Iranzo I would call him back at noon tomorrow.

We discussed the abstract for the Edinburgh meeting next year. I will try to fax the abstract to him today or tomorrow. He mentioned that they have collected 200 soil samples from area 2 (surface to 45cm in the highest area of contamination) and these are now being measured at the JEN. This was done in part because of my concern and suggestions to him when I visited the JEN in September. I mentioned that I would also pass this along

CONCLUSION OR AGREEMENTS

to Tom McCraw.

(Tom McCraw, DOE Germantown)

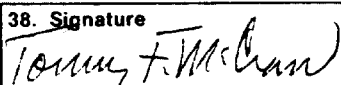
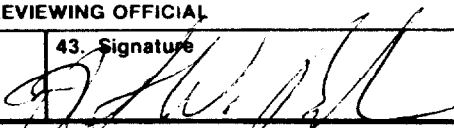
Fax 233-5465

DISTRIBUTION:

SIGNED

U.S. Department of Energy
Procurement Request-Authorization

Formerly PR-799A
(Previous editions are obsolete)

1. To Awarding Office Headquarters Procurement Operations		3. PR Number <u>0187EP - 12126 * 001</u> 4. Change/Correction to a PR in Process? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. If Item 4 is Yes, Enter PR Correction Letter _____ 6. <input checked="" type="checkbox"/> Acquisition <input type="checkbox"/> Assistance 7. Consistent with Principal Purpose of Program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
2. From Initiating Office Office of Nuclear Safety, EH-33						
8. Description of Work/Purpose of Assistance (180 Characters Maximum) Incremental funding in the amount of 100K. In addition, revise the project period to February 1, 1986 to January 1, 1987. Also, extend the period of performance to January 31, 1988. Has List of Sources Been Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No						
9. Name <u>Government of Spain</u> 10. Division <u>Ministry of Industry</u> For Acquisition Actions Only: 12. Product or Service Code _____		11. Address <u>Office of Nuclear Safety</u> <u>Madrid, Spain</u>				
For Assistance Actions Only: 13. CFDA Number _____		Proposed Instrument: 14. Cooperative Agreement <input type="checkbox"/> 15. Grant <input type="checkbox"/>				
16. OSTI Deliverable For All Actions	17. (Reserved)	18. Master BIN	19. Desired Award Date Mo _____ Day _____ Year _____ ASAP			
20. Unsolicited Proposal Number		21. Project Number				
22. Government Property <input type="checkbox"/> F-Furnished, P-Purchased, B-Both, N-Not Involved						
FINANCIAL DATA						
23. Government Share <u>\$100,000</u>		24. Awardee Share _____				
		25. Total <u>\$100,000</u>				
FY FUNDS COMMITTED						
26. Approp. Symbol	27. B&R Number	28. Dollar Amt.	29. Allotment	30. Object Class	31. AFP	32. CFA
<u>89X0224.91</u>	<u>HA010602</u>	<u>\$100,000</u>	<u>CR-74-91</u>	<u>0250</u>	<u>EN-YA</u>	
33. From Continuation Sheet				35. Project Period from _____ thru _____		
34. Total Funds This PR <u>\$100,000</u>				36. Budget Period from _____ thru _____		
PROJECT MANAGER/INITIATOR						
37. Name <u>Tommy F. McCraw</u>		38. Signature 		39. Date <u>12/8/86</u>		40. Office Code <u>EH-33</u>
						41. FTS Telephone Number <u>233-3221</u>
PROGRAM REVIEWING OFFICIAL						
42. Name <u>Robert W. Barber, EH-33</u>				43. Signature 		44. Date <u>12/26/86</u>
PROGRAM OFFICE BUDGET OFFICIAL						
45. Name <u>Geoffrey J. Judge, EH-10</u>				46. Signature		47. Date
CERTIFYING OFFICIAL. I hereby certify that the funds cited in item 34 are available						
48. Name				49. Signature		50. Date
51. Initiating Office/Local Office Use						